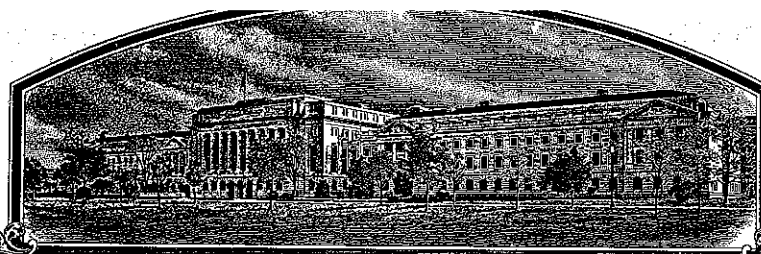


No.

200300151



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pure Seed Testing, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

FESCUE, TALL

'Silverstar'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this fifteenth day of June, in the year two thousand and seven.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

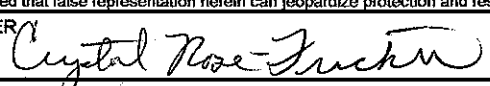
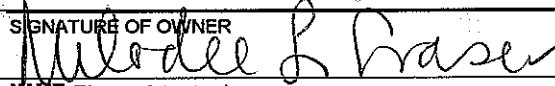
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER Pure Seed Testing, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME PST-5ASR		3. VARIETY NAME Silverstar Silver Star (BT: 3/15/2006)	
4. ADDRESS (Street and No., or RFD No., City, State, and ZIP Code, and Country) P.O. Box 449 Hubbard, OR 97032		5. TELEPHONE (include area code) (503) 263-0719		FOR OFFICIAL USE ONLY PVPO NUMBER 200300151	
		6. FAX (include area code) (503) 263-0703		FILING DATE February 10, 2003	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Oregon		9. DATE OF INCORPORATION 1975	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers)				FILING AND EXAMINATION FEES:	
Melodee L. Fraser, Ph.D. Pure Seed Testing, Inc. P.O. Box 176 Rolesville, NC 27571				F E E S	
				\$ 2705⁻ DATE 2/10/03 CERTIFICATION FEE: \$ 768.00 DATE 6/7/2007	
11. TELEPHONE (Include area code) (919) 556-0146		12. FAX (Include area code) (919) 556-0174		13. E-MAIL mlkfraser@aol.com	
14. CROP KIND (Common Name) Tall Fescue					
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)					
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)					
19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act <input type="checkbox"/> YES (If "yes," answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no," go to item 22)					
20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED					
21. DOES THE OWNER SPECIFY THAT THE CLASSES BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1, 2, 3, etc. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.)					
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U.S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)					
23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)					
24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER 			SIGNATURE OF OWNER 		
NAME (Please print or type) Crystal Rose-Fricker			NAME (Please print or type) Melodee L. Fraser		
CAPACITY OR TITLE President		DATE 02/06/03		CAPACITY OR TITLE Director of Research-East	
				DATE 5 Feb 03	

Origin and Breeding History of 'Silverstar' Tall Fescue

'Silverstar' tall fescue was developed and released by Pure-Seed Testing, Inc., Hubbard, OR. Silverstar was developed from germplasm obtained from the New Jersey Agricultural Experimental Station. During the late summer of 1996, 11 superior plots were identified in a tall fescue turf evaluation trial that had been seeded near Adelphia, NJ during the late summer of 1995. These 11 turf plots were observed to have good summer turf performance, bright green color and improved brown patch and billbug resistance. Plugs were dug from these 11 turf plots and sent to Pure Seed Testing, Inc. near Hubbard. The plugs were divided into individual plants, which were transplanted into an isolated 2150-plant nursery during the fall of 1996.

During the summer of 1997, after pollination, 21 plants with good stem rust resistance were identified in this nursery. These plants were divided into 10 propagules each and planted into clonal rows in an isolated nursery, designated 5ASR, near Hubbard during the fall of 1997. The plants interpollinated during the spring of 1998 and seed was subsequently harvested from the 18 clone rows with the best stem rust resistance. This seed was used to establish progeny turf evaluation plots near Hubbard, Adelphia and Rolesville, NC.

Each of these 18 clones was vegetatively divided into 10 propagules, which were used to establish an isolated spaced-plant nursery near Hubbard during the fall of 1998. These plants were allowed to interpollinate during the spring of 1999 and Breeder seed of Silverstar was subsequently harvested during the summer of 1999.

The 18 tall fescue clones that produced the Breeder seed of Silverstar traced their origin to seven turf plots planted during the late summer of 1995 near Adelphia. These seven plots traced their maternal origins to the following sources: three traced their origin to 'Rebel Jr.'; one traced its origin to 'Apache'; one traced its origin to Rutgers turf plot H87-1156, which traced to 'Mini-Mustang'; one traced its origin to a plant collected in Holly Springs, MS; and one traced its origin to a plant collected in Maryland.

Seed production of Silverstar is limited to three generations of increase from Breeder seed: one each of Foundation, Registered, and Certified. Pure-Seed Testing, Inc. maintains Breeder seed of Silverstar in Oregon and will regenerate as necessary. Silverstar has shown stability and uniformity multiplied through the Certified seed generation. No off-types or variants have been observed in the production or multiplication of Silverstar tall fescue.

Exhibit B

^{'Silverstar'}
 Statement of Distinctness for ^{'Silver Star'} Tall Fescue
 (BT: 3/15/2006)

^{'Silverstar'}
^{'Silver Star'} is most similar to 'Rebel Jr.' and 'Matador' tall fescues. They differ in the following characteristics:
 (BT: 3/15/2006)

1. Silver Star has a mean mature plant height at least 17 cm taller than Matador (Tables 1-3).
2. Silver Star has a mean flag leaf height at least 13 cm taller than Matador (Tables 1-3).
3. Silver Star has a mean internode length at least 3 cm longer than Matador (Tables 1, 2).
4. Silver Star has a mean tiller leaf length at least 4 cm longer than Matador (Tables 1, 3, 4) and at least 1 cm shorter than Rebel Jr. (Tables 3, 4).
5. Silver Star has a mean tiller leaf width at least 1.5 mm wider than Matador (Tables 1, 2, 4) and at least 0.9 mm narrower than Rebel Jr. (Tables 2, 4).
6. Silver Star has a mean flag leaf length at least 1.8 cm longer than Matador (Tables 1-3) and at least 1.4 cm shorter than Rebel Jr. (Tables 2, 3).
7. Silver Star has a mean flag leaf width at least 1.2 mm wider than Matador (Tables 1, 2) and at least 0.8 mm narrower than Rebel Jr. (Tables 2, 3).
8. Silver Star has a mean panicle length at least 5 cm longer than Matador (Tables 1, 2, 3).
9. ~~Silver Star~~ ^{'Silverstar'} has a mean initial heading date at least 4 days earlier than Matador (Table 5).
^{'Silverstar'}
 (BT: 3/15/2006)

(NOTE: The applicant has noted the name as 'Silverstar' instead of 'Silver Star' (per correspondence dated 4/23/2003)).
 (BT: 3/15/2006)

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter. Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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**U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY PROGRAM
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705**

**EXHIBIT C
(TALL & MEADOW FESCUES)**

**OBJECTIVE DESCRIPTION OF VARIETY
TALL & MEADOW FESCUES
(*Festuca* spp.)**

NAME OF APPLICANT(S) Pure Seed Testing, Inc.	TEMPORARY DESIGNATION PST-5ASR	VARIETY NAME 'Silverstar' Silver Star (BT#3/15/2006)
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ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code) 606 N. Main St. Rolesville, NC 27571	FOR OFFICIAL USE ONLY PVPO NUMBER 200300151
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Place the appropriate number that describes the varietal characteristics of this variety in the boxes below. Use leading zeroes when necessary (e.g. 089). Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors. Characteristics marked with an asterisk * are characteristics which should be recorded.

* 1. SPECIES: (With comparison varieties, use varieties within the species of the application variety)

1 1 = *F. arundinacea* (Tall) Turf Types

1 = Kentucky 31	2 = Rebel	3 = Olympic	4 = Bonanza	5 = Arid	6 = Rebel II
7 = Shortstop	8 = Silverado	9 = Rebel Jr.	10 = Mini Mustang	11 = Crewcut	12 = Bonsai

Forage Types

20 = Kentucky 31	21 = Martin	22 = Forager	23 = Mozark
24 = Kenhy	25 = AU Triumph	26 = Fawn	27 = Cajun

2 2 = *F. pratensis* (Meadow)

30 = Admira	31 = Beaumont	32 = Comtessa	33 = Ensign	34 = Trader
-------------	---------------	---------------	-------------	-------------

* 2. CYTOLOGY:

42 Chromosome Number

3. ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

2 Transition Zone 2 West 2 Northeast _____ Other (Specify): _____

* 4. MATURITY: (Date First Headed, 10% of Panicle Emergence)

7 Maturity Class 1 = Very early () 2 = AU Triumph 3 = Early (Fawn) 4 = K31, Kenhy 5 = Medium (Rebel)

4. MATURITY: (continued)

6 = Bonanza

7 = Late (Silverado)

8 = ()

9 = Very late

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Date Headed **5 May 01**

Location **Hubbard, OR**

_____ Days earlier than _____
 Maturity same as **9**
 _____ Days later than _____

} Comparison Variety

* 5. MATURE PLANT HEIGHT CM: (Average of 100 culms * INTERNODE LENGTH CM: (Table 1)
 from crown to top of panicle, if panicle is nodding, straighten) (First internode subtending the flag leaf)

129 cm Height
19 cm Shorter than **1**
 Height same as _____
 _____ cm Taller than _____

} Comparison Variety

29 cm Internode Length
 _____ cm Shorter than _____
 Length same as **12**
 _____ cm Longer than _____

} Comparison Variety

* HEIGHT AT EAR EMERGENCE CM: (Flag leaf height from crown to flag leaf collar) (Table 1)

73 cm Height
17 cm Shorter than **1**
 Height same as _____
 _____ cm Taller than _____

} Comparison Variety

* 6. GROWTH HABIT: (Mature Plants)

8 1 = Prostrate () 3 = Semiprostrate () 5 = Horizontal ()
 7 = Semierect (Rebel) 9 = Erect (Mini Mustang)

* 7. RHIZOMES (Psuedo):

0.0 mm Length **1** 1 = Absent () 2 = Rare (Rebel) 3 = Common ()

* 8. LEAF BLADE: (Tiller leaves/ turf color)

* **7** Color: 1 = Light green () 3 = Medium light green () 5 = Green ()
 7 = Medium dark green () 9 = Very dark green ()

6 Specify rating of comparison variety **9**

* **1** Anthocyanin: 1 = Absent () 9 = Present ()

* **1** Basal Hairs: 1 = Absent () 9 = Present ()

* **5** Margins: 1 = Smooth () 5 = Semi-rough () 9 = Rough ()

8. LEAF BLADE: (continued)

* 6 Width Class: 1 = Very coarse () 3 = Coarse () 5 = Medium ()

7 = Fine () 9 = Very Fine ()

* TILLER LEAF LENGTH CM: (First leaf subtending the flag leaf) (Table 3) * TILLER LEAF WIDTH MM: (Table 3)

21 cm Tiller Leaf Length

7.7 mm Tiller Leaf Width

7 cm Shorter than 1
Length same as _____
_____ cm Taller than _____

Comparison Variety

_____ mm Narrower than _____
Width same as _____
1.1 mm wider than 12

Comparison Variety

FLAG LEAF LENGTH CM: (Table 3)

15 cm Flag Leaf Length

5.4 mm Flag Leaf Width

5 cm Shorter than 1
Length same as _____
_____ cm Longer than _____

Comparison Variety

_____ mm Narrower than _____
Width same as _____
1.1 mm Wider than 12

Comparison Variety

* 9. LEAF SHEATH: (Basal Portion)

* _____ Anthocyanin (seedling): 1 = Absent (K31) 9 = Present ()

* 5 Auricle Hairiness: 1 = Absent () 9 = Present ()

* 10. PANICLE: (At seed maturity except where noted.)

* 3 Shape: 1 = Narrow-tapering () 5 = Ovate () 7 = Oblong () 9 = Other (specify)

* 5 Type: 1 = Compact (appressed) 5 = Intermediate () 7 = Open () 9 = Other (specify)

* 7 Orientation: 1 = Nodding () 9 = Erect ()

* 9 Branch Pubescence: 1 = Glabrous () 9 = Pubescent ()

* 1 Anther Color (At anthesis): 1 = Yellowish Green 2 = Green 3 = Bluish Green
4 = Purplish 5 = Reddish 6 = Other (Specify)

* 4 Glume Color (At anthesis): 1 = Yellowish Green 2 = Green 3 = Bluish Green
4 = Purplish 5 = Reddish 6 = Other (Specify)

* 23 cm Panicle Length (from base to tip, if nodding, straighten; after anthesis) (Table 3)

5 cm Shorter than 1
Length same as _____
_____ cm Longer than _____

Comparison Variety

* 11. SEED: (With Lemma & Pelea)

* 2 4 1 6 mg per 1000 seeds

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3 0 1 mg Less than 1

Weight same as

mg More than

Comparison Variety

PALEA: (Keels or Margins)

5 Hairs:

1 = Absent ()

5 = Short (Missouri 96)

9 = Long ()

LEMMA:

2 Hairs:

1 = Absent (Kenhy)

5 = Several ()

9 = Many (Missouri 96)

6 . 0 mm Lemma Length (Mature)

1 . 2 5 mm Lemma Width

0 . 7 mm Shorter than 1

Length same as

mm Longer than

Comparison Variety

0 . 1 5 mm Narrower than 1

Width same as

mm Wider than

Comparison Variety

*AWNS:

5 AWNS:

1 = Absent ()

9 = Present (Falcon)

70 % Plants with awns

1 . 8 mm Awn length (Of those present.)

mm Shorter than

Length same as

1 . 1 mm Longer than 1

Comparison Variety

12. DISEASE, INSECT, AND NEMATODE REACTION: (0= Not Tested 1= Least Resistant 9= Most Resistant)

0 Melting-out *Drechslera poae*

0 Blind Seed *Gloeotinia temulenta*

0 Leaf Spot *D. siccans*

0 Dollar Spot *Lanzia, Mollerdiscus* spp.

7 Net Blotch *D. dictyoides*

5 Stem Rust *Puccinia graminis*

6 Brown Patch *Rhizoctonia solani*

0 T. Blight *Typhula incarnata*

0 C. Leaf Spot *Cercospora fectuae*

7 Pythium Blight *Pythium* spp.

0 Pink Snow Mold *Gerlachia nivalis*

0 Powdery Mildew *Erysiphe graminis*

0 Silver Top *F. tricinatum, F. roseum*

6 Crown Rust *Puccinia coronata*

Other Disease

Other Insect

Other Nematode

13. ENVIRONMENTAL STRESS

7 Drought Stress

1 = Susceptible ()

5 = Tolerant () 9 = Resistant ()

6 Shade Stress

1 = Susceptible ()

5 = Tolerant () 9 = Resistant ()

13. ENVIRONMENTAL STRESS: (continued)

6 Winter Stress

1 = Susceptible ()

5 = Tolerant () 9 = Resistant ()

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14. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY. For the following characteristics, indicate the degree of resemblance with the following scale:

1 = Application variety is less than comparison variety 2 = Same as 3 = More than, better, greater, darker, etc.

Character	Varieties	Rating	Character	Varieties	Rating
Leaf Width	Rebel Jr.	1	Leaf Color	Rebel Jr.	3
Panicle Color	Rebel Jr.	2	Panicle Shape	Rebel Jr.	2
Seed Size	Rebel Jr.	2	Cold Injury	Rebel Jr.	2
Winter Color	Rebel Jr.	2	Heat	Rebel Jr.	3
Disease	Rebel Jr.	3			

* 15. EXPERIMENTAL: Give a brief summary of the experimental design utilized to collect the data used on this form. Cultural conditions, number of plants measured and plant spacing must be specified.

Seed yield trials were seeded during 1999 and 2000 near Hubbard, OR at 3.6 kg/ha. Twenty-five tillers from each of three replications were measured in 2000 and 2001 for a total of 75 tillers/cultivar.

Exhibit D

Additional Description of ^{'Silverstar'}~~'Silver Star'~~ Tall Fescue
(BT: 3/15/2006)

1. Silver Star has shown moderate resistance to brown patch (Tables 6-8).
 2. Silver Star has performed well under Pythium blight disease pressure (Tables 9, 10).
 3. ^{Silverstar}~~Silver Star~~ has shown good turf quality in trials in OR and CA (Tables 9, 11, 12).
- Note: (BT: 3/15/2006: Applicant noted the name as 'Silverstar' per correspondence dated 4/23/2003.)

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Table 1. 2001 mean morphological measurements for entries in a tall fescue seed yield trial seeded fall of 2000 near Hubbard, OR.

Entry	Plant Height (cm)	Flag Leaf Height (cm)	Internode Length (cm)	Tiller Leaf Length (cm)	Tiller Leaf Width (mm)	Flag Leaf Length (cm)	Flag Leaf Width (mm)	Panicle Length (cm)	Tiller Count 12.7 cm/Row (#)
Kentucky 31	148.3	90.1	30.0	31.6	9.3	23.0	8.2	30.2	30.9
(BT: 3/15/06) Silver Star	129.3	72.6	29.2	25.9	8.1	17.7	6.7	27.7	40.2
Bonsai	126.6	70.9	30.1	23.0	7.8	15.7	5.9	22.7	53.3
Matador	108.7	59.2	22.7	19.2	6.5	14.6	5.5	19.0	53.8
LSD (0.05)	3.8	3.0	1.3	1.7	0.6	1.4	0.5	2.9	12.2

Table 2. 2001 mean morphological measurements for entries in a tall fescue seed yield trial seeded fall of 1999 near Hubbard, OR.

Entry	Plant Height (cm)	Flag Leaf Height (cm)	Internode Length (cm)	Tiller Leaf Width (mm)	Flag Leaf Length (cm)	Flag Leaf Width (mm)	Panicle Length (cm)	Tiller Count 12.7 cm/Row (#)
Kentucky 31	151.1	91.8	31.4	7.7	14.5	5.4	23.8	42.3
Rebel Jr.	129.6	71.3	28.1	7.5	16.6	6.2	23.8	48.0
Bonsai	122.7	72.9	30.5	5.7	12.0	4.3	18.8	56.4
(BT: 3/15/06) Silver Star	121.9	67.6	26.8	6.6	14.7	5.4	21.0	60.6
Matador	104.0	51.3	23.4	4.9	10.0	3.6	15.3	75.2
LSD (0.05)	4.7	6.0	1.5	0.5	1.4	0.5	1.2	17.0

Table 3. 2000 mean morphological measurements for entries in a tall fescue seed yield trial seeded fall of 1999 near Hubbard, OR.

Entry	Plant Height (cm)	Flag Leaf Height (cm)	Tiller Leaf Length (cm)	Flag Leaf Length (cm)	Flag Leaf Width (mm)	Panicle Length (cm)	Tiller Count 12.7 cm/Row (#)
Kentucky 31	148.9	84.1	28.0	20.1	4.8	28.2	67.1
Rebel Jr.	141.3	76.2	24.4	16.4	5.1	23.3	70.6
(BT: 3/15/06) Silver Star	139.6	77.5	20.6	15.0	3.5	23.2	75.5
Bonsai	131.2	72.2	17.8	11.9	3.7	19.1	64.1
Matador	118.6	60.1	16.5	13.2	3.8	17.2	82.7
LSD (0.05)	7.3	3.2	1.8	1.2	0.5	2.4	11.7

Table 4. 2002 mean morphological measurements for entries in a tall fescue spaced plant trial planted fall of 2001 near Hubbard, OR.

Entry	Tiller Leaf Length (cm)	Tiller Leaf Width (mm)
Kentucky 31	23.9	8.5
(BT: 3/15/06) Silver Star	17.6	7.7
Rebel Jr.	18.7	8.8
Matador	13.6	6.2
Bonsai	11.5	6.2
LSD (0.05)	1.1	1.1

Table 5. Mean initial heading dates for entries in a tall fescue seed yield trial seeded fall of 1999 near Hubbard, OR.

Entry	2000	2001
Matador	05 May	09 May
Silver Star Silver Star*	28 April 28 April	05 May 05 May
Rebel Jr.	28 April	05 May
Bonsai	30 April	04 May
Kentucky 31	20 April	25 April
LSD (0.05)	3 days	4 days

Table 6. Mean turf quality, summer quality, and brown patch ratings for entries in a tall fescue turf trial seeded fall of 1998 near Rolesville, NC.

Entry	Turf Quality			Summer Quality			Brown Patch		
	1999	2000	Mean	1999	2000	Mean	1999	2000	Mean
Jaguar 3	6.2 ¹	5.1	5.6	6.0	4.7	5.3	6.9 ²	8.1	7.5
Silver Star*	4.8	4.6	4.7	4.5	4.2	4.3	5.3	6.0	5.7
Matador	4.5	3.2	3.8	4.0	3.5	3.8	3.3	6.2	4.8
Bonsai	4.0	2.1	3.0	3.3	2.0	2.7	4.0	5.0	4.5
Vegas	3.8	3.2	3.5	3.3	3.3	3.3	2.2	4.4	3.3
LSD (0.05)	1.4	1.2	1.2	1.7	1.4	1.3	2.2	2.1	1.5

¹9 = ideal²9 = no disease

Table 7. 2002 mean drought dormancy recovery and brown patch ratings for entries in a tall fescue turf trial seeded fall of 2000 near Rolesville, NC.

Entry	Drought Recovery 4 July	Brown Patch Mean
Duster	5.0 ¹	7.1 ²
Tar Heel	5.0	6.8
Silver Star*	5.3	6.2
Bonanza	4.7	5.1
Matador	3.7	4.8
LSD (0.05)	1.4	1.7

¹9 = 100% recovered²9 = no disease

Table 8. 2002 mean brown patch and turf quality ratings for entries in a tall fescue turf trial seeded fall of 2001 near Rolesville, NC.

Entry	Brown Patch	Turf Quality
Tar Heel II	6.8 ¹	6.0 ²
Silver Star*	5.0	5.5
Tar Heel	6.6	5.1
Matador	4.1	4.5
Lancer E	2.0	4.3
Rebel Sentry	2.9	4.2
Bonsai	2.3	3.4
Kentucky 31 E	3.6	2.5
LSD (0.05)	1.7	1.1

¹9 = no disease; ²9 = ideal

*Applicant specified name to be 'silverstar' instead of 'Silver Star'. (BT: 3/15/2006).

Table 9. Mean *Pythium* blight and turf quality ratings for entries in a tall fescue turf trial seeded Dec 2000 near Camarillo, CA.

Entry	Pythium 26 Jul	Turf Quality		
		2001	2002	Mean
(Br: 3/15/2006)* Silverstar Silver Star	6.7 ¹	7.8 ²	6.9	7.3
Matador	7.7	7.6	6.9	7.2
Bonsai 2000	5.7	5.3	5.7	5.5
Torpedo	3.0	2.2	2.0	2.1
LSD (0.05)	1.1	0.5	0.8	0.5

¹9 = no disease

²9 = ideal

Table 10. 2001 mean *Pythium* blight ratings for entries in a tall fescue turf trial seeded fall of 2000 near Rolesville, NC.

Entry	Mean
Eldorado	8.7 ¹
Silver Star *	7.0
Matador	2.3
LSD (0.05)	3.9

¹9 = no disease

Table 11. Mean turf quality ratings for entries in a tall fescue turf trial seeded fall of 2000 near Hubbard, OR.

Entry	2001	2002	Mean
Silver Star *	6.5 ¹	6.1	6.3
Matador	6.0	5.7	5.8
Bonsai	5.3	5.0	5.1
Kentucky 31	3.2	3.0	3.1
LSD (0.05)	0.6	0.4	0.4

¹9 = ideal

Table 12. Mean turf quality ratings for entries in a tall fescue turf trial seeded Oct 1999 near Camarillo, CA.

Entry	2000	2001	2002	Mean
Matador	7.7 ¹	6.8	7.3	7.2
(Br: 3/15/2006) Silverstar Silver Star *	7.9	6.6	6.8	7.1
Bonsai	5.5	4.8	5.3	5.2
Eldorado	4.5	3.8	4.8	4.4
LSD (0.05)	0.6	0.8	0.8	0.5

¹9 = ideal

*Applicant specified name to be 'Silverstar' instead of 'Silver star'. (Br: 3/15/2006).

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE**EXHIBIT E**
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 652a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) Pure Seed Testing, Inc.	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER PST-5ASR	3. VARIETY NAME Silverstar Silver Star (BT: 3/15/2006)
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) PO Box 449 Hubbard, OR 97032	5. TELEPHONE (include area code) 503-263-0719	6. FAX (include area code) 503-263-0703
7. PVPO NUMBER 200300151		
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

9. Is the applicant (individual or company) a U.S. national or U.S. based company? If no, give name of country <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
10. Is the applicant the original owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>If no, please answer the following:</i> a. If original rights to variety were owned by individual(s), is (are the original owner(s) a U.S. national(s)? <input type="checkbox"/> YES <input type="checkbox"/> NO <i>If no, give name of country</i> b. If original rights to variety were owned by a company, is the original owner(s) a U.S. based company? <input type="checkbox"/> YES <input type="checkbox"/> NO <i>If no, give name of country</i>

11. Additional explanation on ownership (If needed, use reverse for extra space):

Pure Seed Testing, Inc. has licensed Silverstar
Silver Star to Turf Seed, Inc.
(BT: 3/15/2006)**PLEASE NOTE:**

Plant variety protection can be afforded only to owners (now licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original breeder, both the original breeder and the applicant must meet one of the above criteria.

The original breeder may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD). To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

STD-470-E (02-97) (Destroy previous editions)